CKET NO.: UPN-4296/P2957

PATENT

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Joel S. Karp, et al.

Confirmation No.: 7178

**Application No.: 10/706,799** 

Group Art Unit: 3736

Filing Date: November 12, 2003

**Examiner: Not Yet Assigned** 

For: LANTHANUM HALIDE SCINTILLATORS FOR TIME-OF-FLIGHT 3-D PET

**EXPRESS MAIL LABEL NO: EL999288505US** DATE OF DEPOSIT: May 18, 2004

EL999288505U

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

# INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

 $\boxtimes$ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or

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	before the mailing date of a first Office Action after the filing of request for			
	continued examination	on under § 1.114, no additional fee is required.		
	In accordance with § 1.129(a), this Information Disclosure Statement is be			
	filed in connection	with [] the first or [] second After Final Submission,		
	therefore:			
	☐ Certif	ication in Accordance with § 1.97(e) is attached; or		
	The fo	ee of \$180.00 as set forth in § 1.17(p) is attached.		
	In accordance with	§ 1.97(c), this Information Disclosure Statement is being		
	filed after the period	set forth in § 1.97(b) above but before the mailing date of		
	either a Final Action	under § 1.113 or a Notice of Allowance under § 1.311, or		
	before an action that	otherwise closes prosecution in the application, therefore:		
		Certification in Accordance with § 1.97(e) is attached;		
		or		
		The fee of \$180.00 as set forth in § 1.17(p) is attached.		
	In accordance with	§ 1.97(d), this Information Disclosure Statement is being		
	filed after the mailing date of either a Final Action under § 1.113 or a Notice			
	of Allowance under	§ 1.311 but before, or simultaneously with, the payment		
	of the Issue Fee, the	erefore included are: Certification in Accordance with §		
	1.97(e); and the subm	nission fee of <u>\$180.00</u> as set forth in § 1.17(p).		
$\boxtimes$	Copies of each of the	ne references listed on the attached Form PTO-1449 are		
	enclosed herewith			

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	Copie	es of references listed on the attached Form PTO-1449 are enclosed
	herew	rith
$\boxtimes$	Copie	s of references listed on the attached Form PTO 1449 are not required to
	be su	bmitted pursuant to the June 30, 2003 recent revisions to 37 CFR §
	1.98(a	a)(2)(i).
	EXCE	EPT THAT:
		In view of the voluminous nature of references [list as appropriate],
		and the likelihood that these references are available to the Examiner,
		copies are not enclosed herewith.
		In accordance with § 1.98(d), copies of the following references listed
		on the attached Form PTO-1449 are not enclosed herewith because
		they were previously cited by or submitted to the U.S. Patent and
		Trademark Office in patent application(s) for which a claim for priority
		under 35 U.S.C.§ 120 have been made in the instant application:
		Copies of references [list as appropriate] listed on the
		attached Form PTO-1449 were previously cited by or submitted
		to the Patent and Trademark Office in prior Application No.
		, filed .

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

Enclosed is a copy of the PCT International Search Report dated April 28, 2004 (number 1 on Form PTO-1449), which indicates the references considered to be relevant.

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The relevance of those listed references which are not in the English language is as follows:

There are no listed references which are not in the English language.

Date: May 18, 2004

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Form PTO-1449 Modified	Docket No. UPN-4296/P2957	Application No. 10/706,799	
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)	Applicant Joel S. Karp, et al.		
U.S. Department of Commerce Patent and Trademark Office	Filing Date November 12, 2003	Group	
	Confirmation No. 7178		
OTHER DOCUMENTS (Includ	ing Author, Title, Date, 1	Pertinent Pages, Etc.)	
1 Copy of the PCT Internat (PCT/US03/35922)	tional Search Report dated	l April 28, 2004	
EXAMINER	DATE CON	SIDERED	

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# Form PTO-1449 Modified Docket No. UPN-4296/P2957 List of Patent and Publications Cited by Applicant (Use several sheets if necessary) Application No. 10/706,799 Applicant Joel S. Karp, et al.

U.S. Department of Commerce Patent and Trademark Office Filing Date
November 12, 2003

Group
3736

Confirmation No. 7178

## U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	2	5,015,860	05/14/91	Moses	250	361
	3	6,285,028 B1	09/04/01	Yamakawa	250	370.09
	4	2004/0017224 A1	01/29/04	Tumer, et al.	327	51
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## FOREIGN PATENT DOCUMENTS

Examiner	Document No.	Date	Country	Translation	
Initial				YES	NO
EXAMINER			DATE CONSIDER	ED	· · · · · ·